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#### **Model Registration**

This area is used to create an entirely new model, update an existing Model, or update the data files for an exiting version (in the event the conversion or upload failed). Please choose an appropriate section and provide information that is requested.

#### Create a New Model

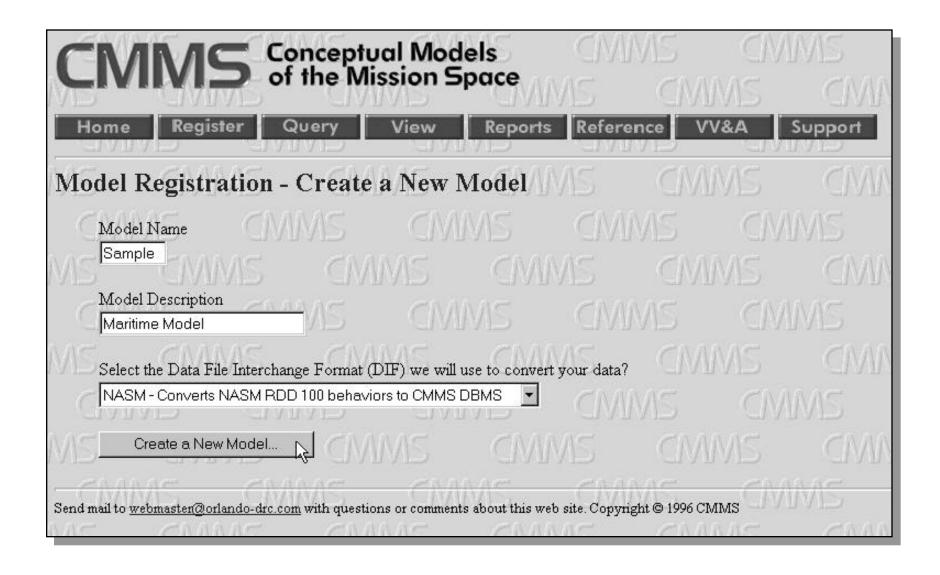
This will allow you to create an entirely new model. Choose this option only if you have spoken with a CMMS data manager and have an agreed upon Data File Interchange Format (DIF). You will be required to:

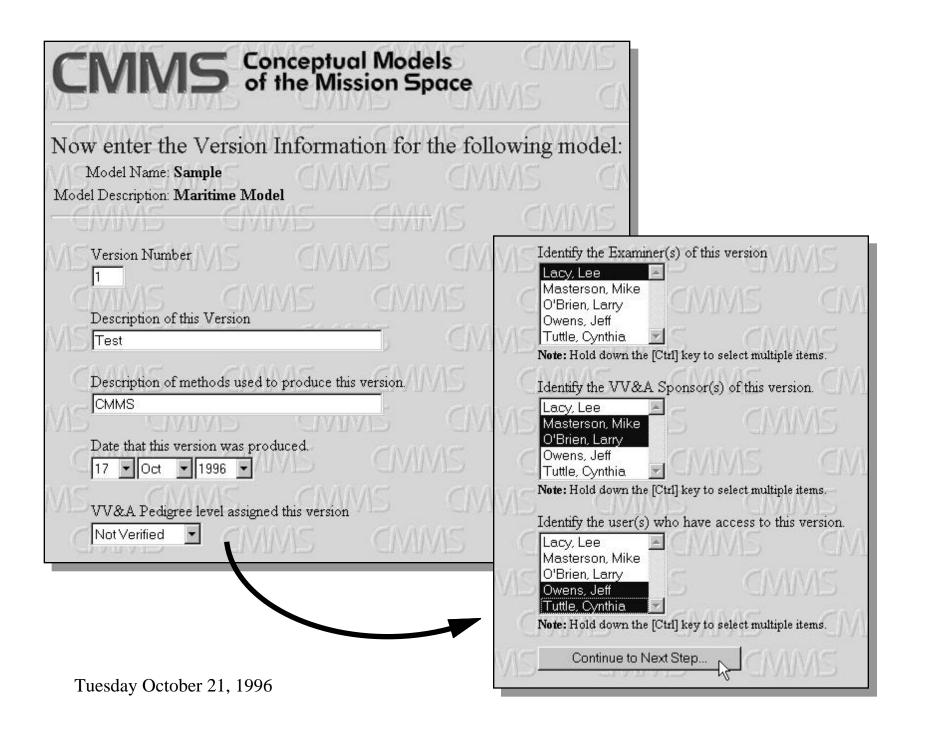
- 1. Enter a Model Name, Description, and DIF.
- 2. Enter the Version information.
- 3. Then upload the raw data file(s).

#### Update an Existing Model

This will allow you to create a new version of an existing mode. Choose this option if you have previously created a model and you would like to upload a new set of data files. You will be required to:

- 1. Select a Model to update.
- 2. Enter the Version information.
- Then upload the raw data file(s).





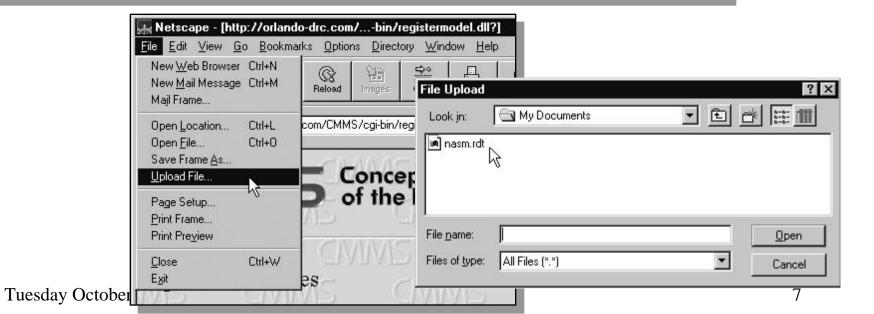
## CMMS Conceptual Models of the Mission Space

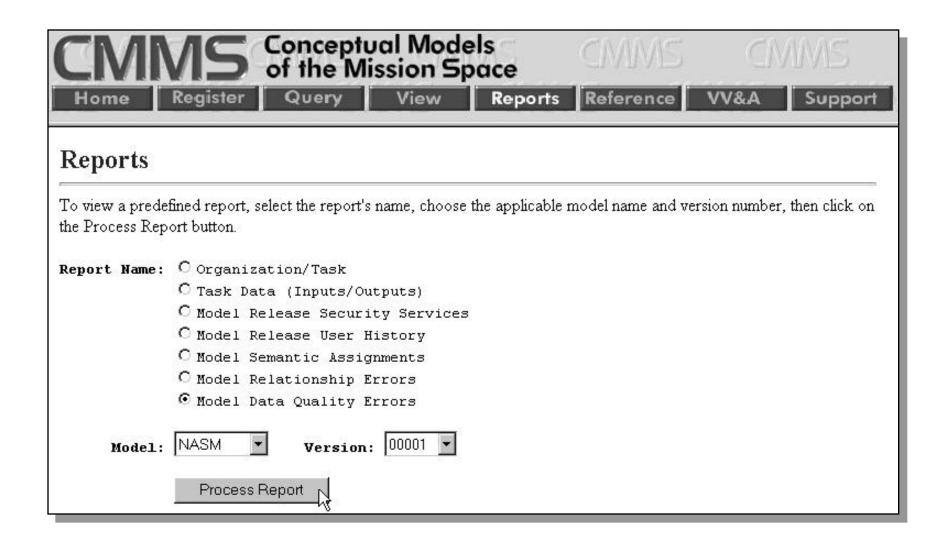
#### Upload Data Files

We are ready to receive the data files for your model. Please begin uploading a complete set of data files by following the simple steps below:

- 1. Click in the file transfer window below.
- 2. From Netscape, select "File", then "Upload File..." to send the file to our FTP site.
- After uploading your file(s), YOU MUST click the button below to finalize the model registration process.

I have finished uploading files, begin converting data...

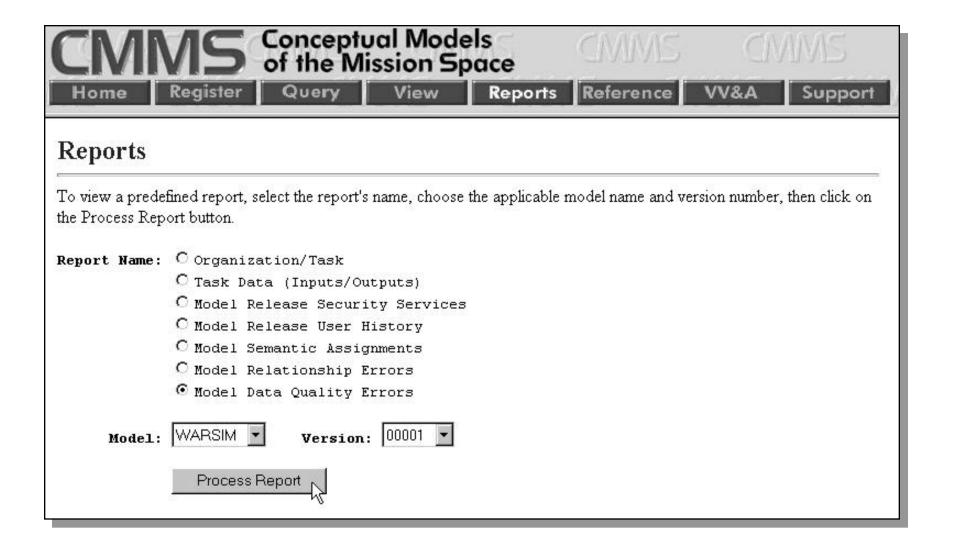




## Model Data Quality Errors Report

#### Model: NASM Version: 1

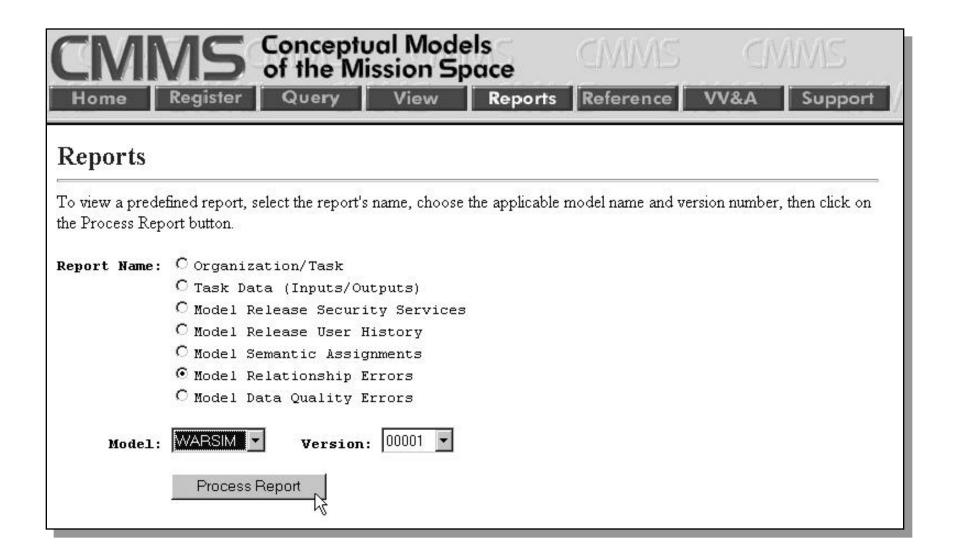
Uploaded	Filename	Line #	Fieldname	Error Description
07-Oct-96	Inter.rdt	5727	[Entities].[Entity Name]	Attack Action Feasibility was not found in table because create statement was missing. Name will be added at this time.
		7083	[Entities].[Entity Name]	Weapons Load Requirement was not found in table because create statement was missing. Name will be added at this time.
		7107	[Entities] [Entity Name]	Weapons Load to Jettison was not found in table because create statement was missing. Name will be added at this time.

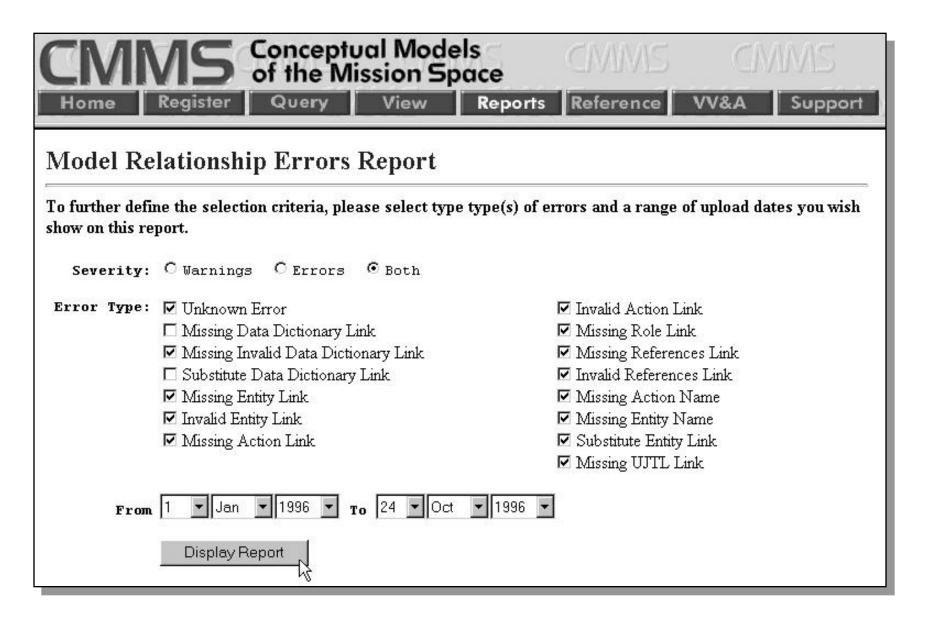


## Model Data Quality Errors Report

Model: WARSIM Version: 1

Uploaded	Filename	Line #	Fieldname	Error Description
07-Oct-96 f	fdb_objects.txt	549		Warning: the Actor Entity, [Mortar], that performs Action, [Fire], wasn't found among converted entities. Action-Actor relationship left undefined.
		549	tmethod	Warning: Action Type for Action, [Fire], is unspecified. Setting field to "SERVICE COMPONENT TASK".
		550	tmethod	Warning: Action Type for Action, [Aim], is unspecified. Setting field to "SERVICE COMPONENT TASK".
		550		Warning: the Actor Entity, [Mortar], that performs Action, [Aim], wasn't found among converted entities. Action-Actor relationship left undefined.

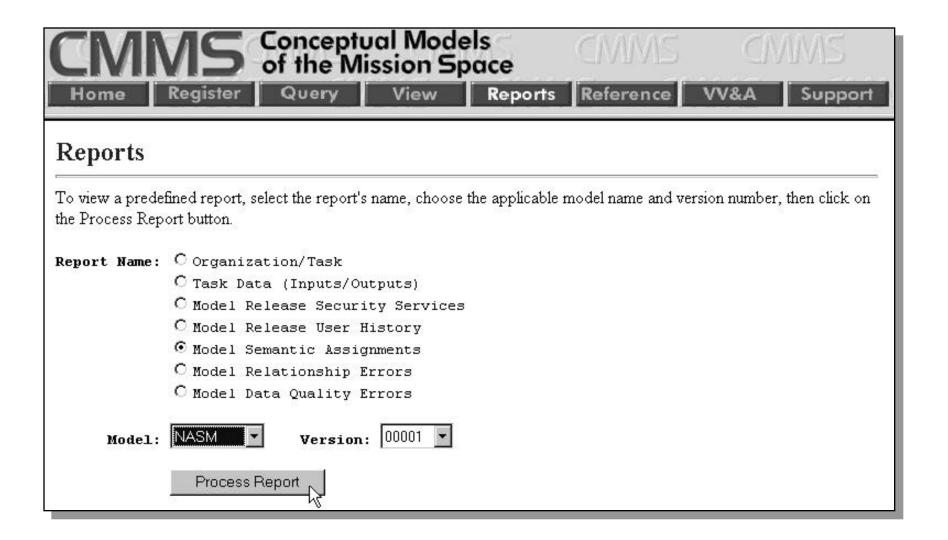




### **Model Relationship Errors Report**

Model: WARSIM Version: 1

Uploaded	Table Name	Field Name	Record Id	Error Description
07-Oct-96 [Entity Actions	[Entity Actions]	[Action Id]	-847979084	Action [Aim] is not allocated to any actor entities. Substituting a placeholder entity.
		[Action Id]	1824869122	Action [Fire] is not allocated to any actor entities. Substituting a placeholder entity.
		[Action Id]	-281218816	Action [Shoot] is not allocated to any actor entities. Substituting a placeholder entity.
		[Action Id]	-1217708242	Action [dfdss] is not allocated to any actor entities. Substituting a placeholder entity.
		[Action Id]	-1346686708	Action [Steer] is not allocated to any actor entities. Substituting a placeholder entity.



### **Model Semantic Assignments**

Model: NASM Version: 1

Name	E/A	Туре	Dictionary Element (Qualifier)
ABCCC Call Signs	Ε	Information/Data	ABCCC Call Signs
ABCCC Frequencies	Ε	Information/Data	ABCCC Frequencies
ABCCC Information	Ε	Information/Data	ABCCC Information
ABCCC Mission Numbers	Ε	Information/Data	ABCCC Mission Numbers
Activate Weapon Release	Α	Service Component Task	Activate (Weapon Release)
Actual Planned Flight Route	Ε	Information/Data	Actual Planned Flight Route
Adjust Flight Route for Abort	Α	Service Component Task	Adjust (Flight Route for Abort)
AI Weapons Load Preparation	Α	Service Component Task	<u>Aim</u> ( <i>N</i> / <i>A</i> )
Air Interdiction MissionTakeoff to Landing	Α		
Air Operations Feedback from Execution	E	Information/Data	Air Operations Feedback from Execution
Air Tasking Order	Ε	Information/Data	Air Tasking Order
Air Traffic Control	Ε		
Airbase Operations	E		

#### **Entity Query Results**

#### Air Tasking Order [Air Tasking Order]

**Description:** A method used to task and disseminate to components, subordinate units, and command and control agencies those projected sorties/capabilities/forces to targets and specific missions. Normally provides specific instructions to include call signs, targets, controlling agencies, etc..., as well as general instructions. (source: JP1-02) An ATO consists of: Part 1. Message header: ATO Number, for Part 2. Mission Data: Mission Number, Target BE Number, Probability of Destruction Desired (or best possible), Unit Name, Number and Type Aircraft, Weapons Number and Type per aircraft (or best available

Type: Information/Data

VV&A: Not Verified, 07-Oct-1996

Examiner: Sponsor:

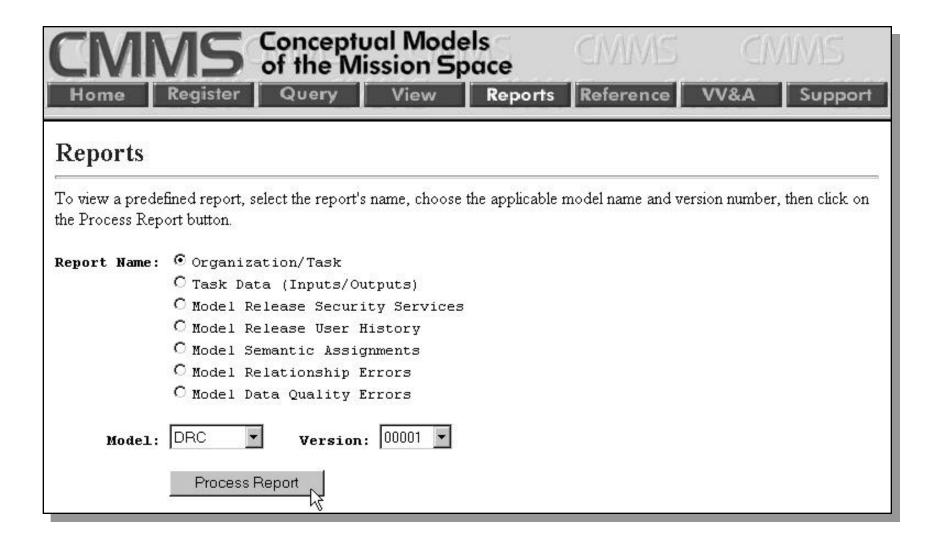
#### Air Tasking Order:

**Definition**: A method used to task and disseminate to components, subordinate units, and command and control agencies those projected sorties/capabilities/forces to targets and specific missions. Normally provides specific instructions to include call signs, targets, controlling agencies, etc., as well as general instructions. Also called ATO. (JP 3-56.1)

Source: JWARS

Entity Type: Information/Data

Synonym:ATO



## Organization/Task Report Below is a list of entities associated with your chosen model and version. Please select the entity you wish to include on your report. Secretary of Defense Show Task Descriptions Display Report

#### Organization/Task Report Model: DRC Version: 1 Entity: Secretary of Defense Task Entity Secretary of Defense Communicate Strategic Decisions/Information. Conduct Intratheater Strategic Deployment. Conduct Joint Deployment (MISSION) Coordinate and Match Transportation Resources and Requirements. Coordinate Global Strategic Refueling. Determine Available Transportation. Determine Deployment Requirements. Determine Possible Closure Times. Integrate Deployment Systems. Move Forces from POE to POD. Provide Management Headquarters. Provide Movement to POE and Port Support Services. Provide Security for Strategic Forces and Means. Provide Terminal Operations.

Tuesday Oc

## Organization/Task Report Below is a list of entities associated with your chosen model and version. Please select the entity you wish to include on your report. Unified Command Show Task Descriptions Display Report

Organization/Task Report				
Model: DRC Version: 1	intity: Unified Command			
Entity	Task			
Unified Command				
	Conduct Deployment and Redeployment			
	Conduct Intratheater Deployment of Forces.			
	Conduct Theater Strategic Maneuver			
	Control or Dominate Strategically Significant Area(s).			
	Develop Theater Intelligence			
	Employ Theater-Wide Command and Control Warfare (C2W).			
	Exercise Operational Command and Control			
	Process Theater Strategic Targets			
	Protect and Support Forces (MISSION)			
	Provide Protection for Theater Strategic Forces and Means.			
	Provide Reception and Onward Movement Services.			
	Provide Strategic Direction to Forces Worldwide.			
	Provide Strategic Direction to Theater Forces.			
	Provide Theater Aerospace and Missile Defense.			

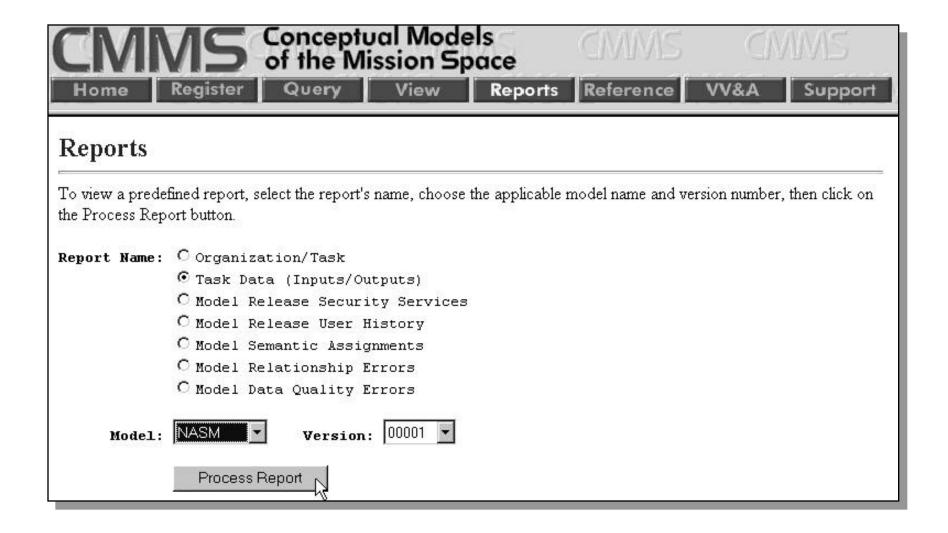
Tuesday Oc

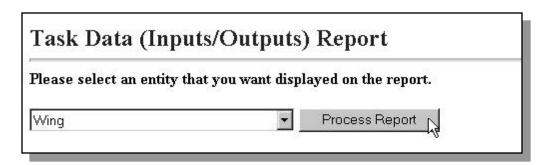
## Organization/Task Report Below is a list of entities associated with your chosen model and version. Please select the entity you wish to include on your report. Sub-unified Command Show Task Descriptions Display Report

#### Organization/Task Report Model: DRC Version: 1 Entity: Sub-unified Command Entity Task Sub-unified Command Acquire and Communicate Operational Level Information and Maintain Status Collect Operational Information Conduct Joint Force Targeting Conduct Joint Interdiction (MISSION) Direct and Lead Subordinate Operational Forces Employ Operational Command and Control Warfare (C2W) Establish a Joint Force Integrate/Synchronize Operational Firepower Interdict Enemy Operational Forces/Targets. Prepare Plans and Orders PROVIDE OPERATIONAL PROTECTION Suppress Enemy Air Defenses Tuesday Ock

# Organization/Task Report Below is a list of entities associated with your chosen model and version. Please select the entity you wish to include on your report. Air Component Commander Show Task Descriptions Display Report

Organization/Task Report					
Model: DRC	Version: 1	Entity: Air Component Commander			
Entity		Task			
Air Component Co	mmander				
		Conduct Air Interdiction (MISSION)			
		Conduct Air Interdiction of Operational Forces/Targets.			
		Plan and Integrate Operational C2W			
		Prepare Campaign or Major Operations and Related Plans and Orders			
		Produce Operational Intelligence Reports			
		Publish Tasking Order(s) for Employment of Operational Firepower.			
		Select Operational Targets for Attack			



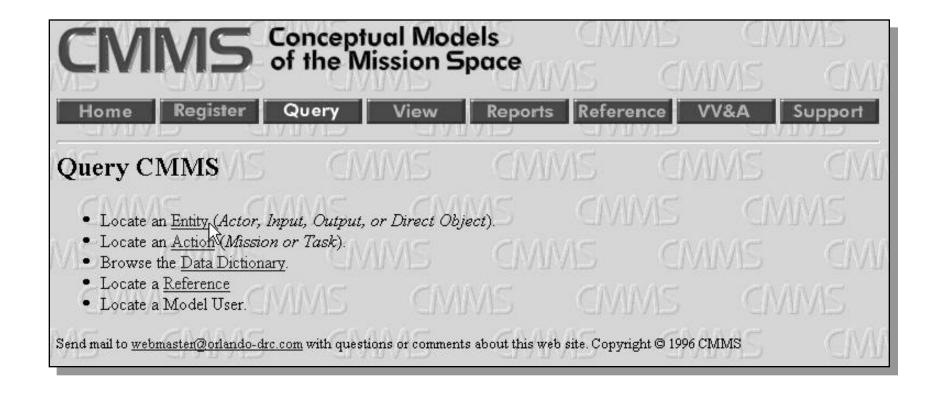


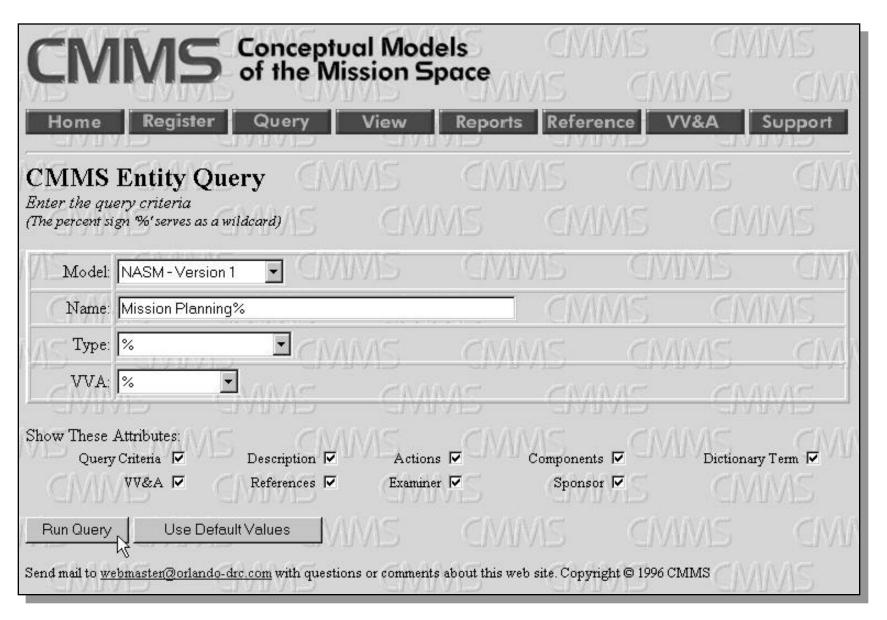
#### Task Data (Inputs/Outputs) Report Model: NASM Version: 1 **Entity: Wing** Input Action Receiver Sender Output Aircraft Loading Activities Unit Air Tasking Order Air Tasking Order Analyze Air Tasking Order Mission Planning Cell Requirements Draft Daily Flying Unit Air Tasking Order Mission Planning Cell Analyze Air Tasking Order Wing Operations Center Schedule Requirements Unit Air Tasking Order Operations Squadron Analyze Air Tasking Order Requirements Unit Air Tasking Order Analyze Air Tasking Order Wing Requirements Determine Tactical Course Intelligence Information Mission Planning Cell Feasible Mission List of Action Determine Tactical Course Unit Air Tasking Order Mission Planning Cell Feasible Mission List Wing Operations Center of Action Requirements Unit Air Tasking Order Determine Tactical Course Wing Feasible Mission List Operations Squadron of Action Requirements Determine Tactical Course Feasible Mission List Wing of Action Determine Tactical Course Tactical Situation Reports Wing Operations Center of Action

### Task Data (Inputs/Outputs) Report

Model: NASM Version: 1 Entity: Mission Planning Cell

Sender	Input	Action	Output	Receiver	
	Air Tasking Order	Analyze Air Tasking Order	Unit Air Tasking Order Requirements	Mission Planning Cell	
Mission Planning Cell	Draft Daily Flying Schedule	Analyze Air Tasking Order	Unit Air Tasking Order Requirements	Wing Operations Center	
		Analyze Air Tasking Order	Unit Air Tasking Order Requirements	Operations Squadron	
		Analyze Air Tasking Order	Unit Air Tasking Order Requirements	Wing	
	Pre-ATO	Analyze Pre-ATO	Notification to Unit Elements	Mission Planning Cell	
		Analyze Pre-ATO	Notification to Unit Elements	Wing Operations Center	
		Analyze Pre-ATO	Notification to Unit Elements	Operations Squadron	
		Analyze Pre-ATO	Notification to Unit Elements	Wing	
		Analyze Pre-ATO	Draft Daily Flying Schedule	Mission Planning Cell	
		Analyze Pre-ATO	Draft Daily Flying Schedule	Wing Operations Center	





#### **EntityQuery Criteria**

QUERY CRITERIA

Entity Mission Planning% Entity Type % VV&A % Model-Version NASM - Version 1

ATTRIBUTES

Description ON Actions ON Components ON VV&A ON

Dictionary Term ON Examiner ON Sponsor ON

#### **Entity Query Results**

#### Mission Planning Cell

**Description:** A group at wing level that conducts the feasibility studies of ATO directed missions and may also do detailed route, mission execution area tactics, and weapons selection activities. Normally led by a Mission Director and supported by weapons and tactics officers, intelligence specialists (weaponeers, targeters, threat experts), weather specialists, and aircrews.

VV&A: Not Verified, 07-Oct-1996

Examiner: Sponsor:

Action: Analyze Air Tasking Order

Action: Analyze Pre-ATO

Action: Analyze Resources Available
Action: Assign Aircraft Weapons Load

Action: Break Out Unit Missions
Action: Check Aircraft Availability

#### **Action Query Criteria**

QUERY CRITERIA

Action Name Break Out Unit Missions VV&A % Action Type % Model-Version

ATTRIBUTES

Description ON Actors ON Inputs/Outputs ON Components ON Dictionary Term ON VV&A ON UJTL ON References ON Examiner ON Sponsor ON

#### **Action Query Results**

Break Out Unit Missions [Break]

Description: The process of breaking out the Wing ATO assigned missions into individual missions.

Type: Service Component Task
VV&A: Not Verified 07-Oct-1996

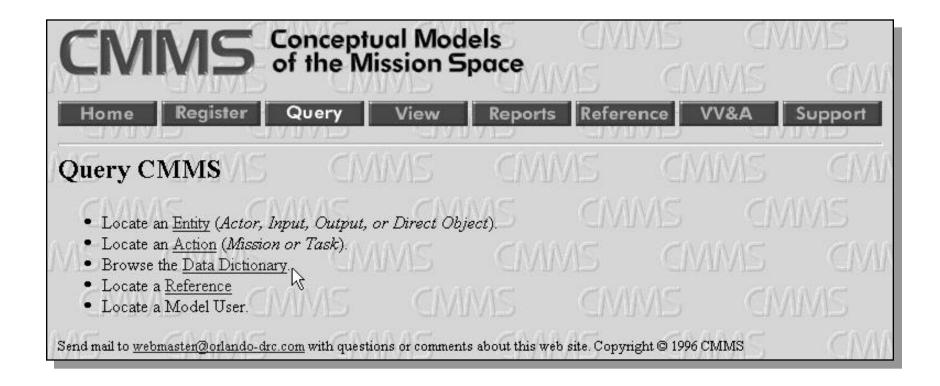
Examiner: Sponsor:

Actor: Mission Planning Cell

Input-Information: <u>Air Target List</u> (Quantity=1) Input-Unspecified: Mission Changes (Quantity=0)

Input-Unspecified: Unit Air Tasking Order Requirements (Quantity=0)

Output-Unspecified: Required Mission List (Quantity=0)



#### **Data Dictionary**

Enter a term name to search for:

1%

Search

You may directly jump to a dictionary page using the alphabetical index below, or by searching the dictionary for a specific entity or action name.

Note: % is a supported wildcard (e.g. %fight% will locate all terms with 'fight' located anywhere in the name)

Show: C Entities C Actions C Both



#### A

#### ABCCC Call Signs, e.,

1. The daily name and number (example Herky 51) of an ABCCC aircraft. Assigned by the ATO in accordance with the Variable Call Sign List for the unit.,

Source: NASM Synonym:

#### ABCCC Frequencies, e.,

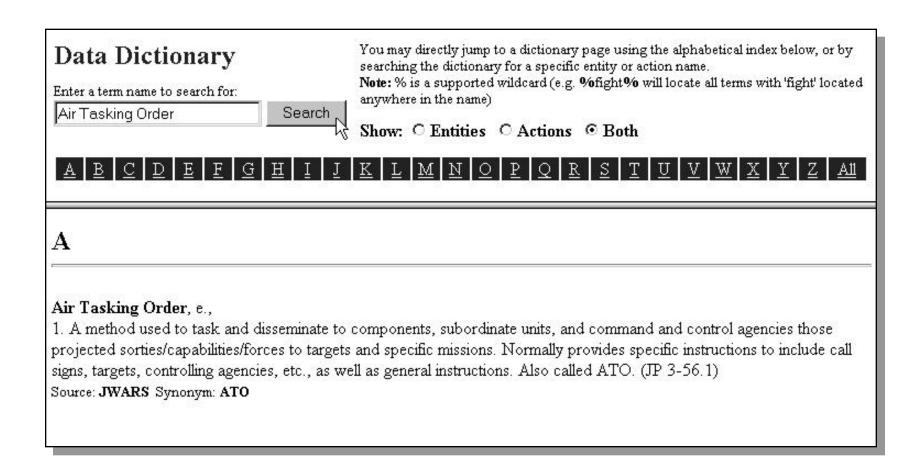
1. The radio (UHF/VHF) frequencies assigned by the ATO to an ABCCC mission or area.,

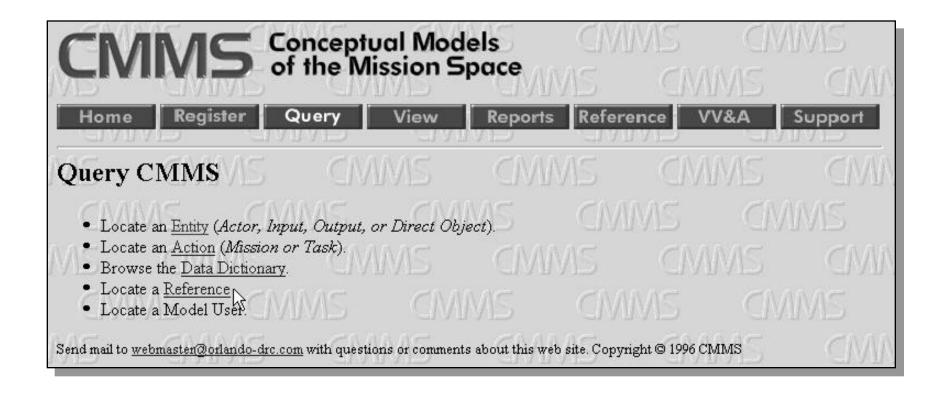
Source: NASM Synonym:

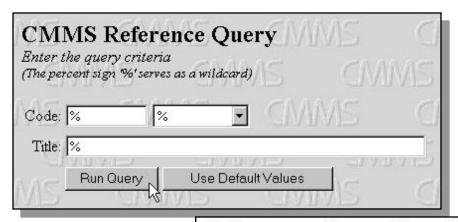
#### ABCCC Information, e.,

1. Information in the ATO about assigned ABCCC for the mission.,

Source: NASM Synonym:







References Query Results						
Code	Title	Version	Date	Organization	Superceded By	VVA
AFDAT	AFDAT		77-777-7777			
DRC	Placeholder for DRC thread data		08-Oct-1996			
FM 100-5	Operations		01-Jun-1993			
JP 1-02	DOD Dictionary of Military and Associated Terms		23-Mar-1994			
JP 3-56.1	Command and Control for Joint Operations		14-Nov-1994			
JP 5-0	Doctrine For Planning Joint Operations		77-777-7777			
JP 5-00.1	Joint Tactics, Techniques, and Procedures for Joint Campaign Planning		77-777-7777			
JP 5-03.1	Joint Operation Planning and Execution System Vol.I (Planning Policies and Procedures)		04-Aug-1993			

